



<h1 style="margin: 0;">FEE TRANSMITTAL</h1> <h2 style="margin: 0;">for FY 2004</h2> <p style="font-size: small; margin: 0;">Effective 10/01/2003, Patent fees are subject to annual revision.</p>		<b>Complete if Known</b>																																																																																																																																																																																																																																																																																															
<div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;"><input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27</div> <div style="display: flex; justify-content: space-between; border-top: 1px solid black; border-bottom: 1px solid black;"><div><b>TOTAL AMOUNT OF PAYMENT</b></div><div>(\$)<span style="font-size: 1.2em;">0.00</span></div></div>		Application Number	09/373,658-Conf. #2817																																																																																																																																																																																																																																																																																														
		Filing Date	August 13, 1999																																																																																																																																																																																																																																																																																														
		First Named Inventor	Luisa Iruela Arispe																																																																																																																																																																																																																																																																																														
		Examiner Name	K. Canella																																																																																																																																																																																																																																																																																														
		Art Unit	1642																																																																																																																																																																																																																																																																																														
Attorney Docket No.		PF453P2																																																																																																																																																																																																																																																																																															
<div style="display: flex; justify-content: space-between;"><div style="width: 45%;"><b>METHOD OF PAYMENT</b> (check all that apply)<div style="display: flex; justify-content: space-between; margin-top: 5px;"><div><input type="checkbox"/> Check</div><div><input type="checkbox"/> Credit Card</div><div><input type="checkbox"/> Money Order</div><div><input type="checkbox"/> Other</div><div><input type="checkbox"/> None</div></div><div style="margin-top: 5px;"><input checked="" type="checkbox"/> Deposit Account:<div style="border: 1px solid black; padding: 2px; margin-top: 5px;">08-3425</div><div style="border: 1px solid black; padding: 2px; margin-top: 5px;">Human Genome Sciences, Inc.</div></div><div style="margin-top: 5px;">The Director is authorized to: (check all that apply)<div style="display: flex; justify-content: space-between; margin-top: 5px;"><div><input checked="" type="checkbox"/> Charge fee(s) indicated below</div><div><input checked="" type="checkbox"/> Credit any overpayments</div></div><div style="margin-top: 5px;"><input checked="" type="checkbox"/> Charge any additional fee(s) or any underpayment of fee(s)</div><div style="margin-top: 5px;"><input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.</div></div></div><div style="width: 50%;"><b>FEE CALCULATION</b><div style="border: 1px solid black; padding: 2px; margin-top: 5px;"><b>1. BASIC FILING FEE</b><table style="width: 100%; border-collapse: collapse; font-size: 0.8em;"><thead><tr><th colspan="2">Large Entity</th><th colspan="2">Small Entity</th><th rowspan="2">Fee Description</th><th rowspan="2">Fee Paid</th></tr><tr><th>Fee Code</th><th>Fee (\$)</th><th>Fee Code</th><th>Fee (\$)</th></tr></thead><tbody><tr><td>1001</td><td>770</td><td>2001</td><td>385</td><td>Utility filing fee</td><td></td></tr><tr><td>1002</td><td>340</td><td>2002</td><td>170</td><td>Design filing fee</td><td></td></tr><tr><td>1003</td><td>530</td><td>2003</td><td>265</td><td>Plant filing fee</td><td></td></tr><tr><td>1004</td><td>770</td><td>2004</td><td>385</td><td>Reissue filing fee</td><td></td></tr><tr><td>1005</td><td>160</td><td>2005</td><td>80</td><td>Provisional filing fee</td><td></td></tr><tr><td colspan="5" style="text-align: right;"><b>SUBTOTAL (1)</b></td><td>(\$)<span style="font-size: 1.2em;">0.00</span></td></tr></tbody></table></div><div style="border: 1px solid black; padding: 2px; margin-top: 5px;"><b>2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE</b><table style="width: 100%; border-collapse: collapse; font-size: 0.8em;"><thead><tr><th colspan="2">Large Entity</th><th colspan="2">Small Entity</th><th rowspan="2">Fee Description</th><th rowspan="2">Fee Paid</th></tr><tr><th>Fee Code</th><th>Fee (\$)</th><th>Fee Code</th><th>Fee (\$)</th></tr></thead><tbody><tr><td>1202</td><td>18</td><td>2202</td><td>9</td><td>Claims in excess of 20</td><td></td></tr><tr><td>1201</td><td>86</td><td>2201</td><td>43</td><td>Independent claims in excess of 3</td><td></td></tr><tr><td>1203</td><td>290</td><td>2203</td><td>145</td><td>Multiple dependent claim, if not paid</td><td></td></tr><tr><td>1204</td><td>86</td><td>2204</td><td>43</td><td>** Reissue independent claims over original patent</td><td></td></tr><tr><td>1205</td><td>18</td><td>2205</td><td>9</td><td>** Reissue claims in excess of 20 and over original patent</td><td></td></tr><tr><td colspan="5" style="text-align: right;"><b>SUBTOTAL (2)</b></td><td>(\$)<span style="font-size: 1.2em;">0.00</span></td></tr></tbody></table></div><div style="margin-top: 5px; font-size: 0.8em;">**or number previously paid, if greater; For Reissues, see above</div></div><div style="width: 50%;"><b>FEE CALCULATION</b> (continued)<div style="border: 1px solid black; padding: 2px; margin-top: 5px;"><b>3. ADDITIONAL FEES</b><table style="width: 100%; border-collapse: collapse; font-size: 0.8em;"><thead><tr><th colspan="2">Large Entity</th><th colspan="2">Small Entity</th><th rowspan="2">Fee Description</th><th rowspan="2">Fee Paid</th></tr><tr><th>Fee Code</th><th>Fee (\$)</th><th>Fee Code</th><th>Fee (\$)</th></tr></thead><tbody><tr><td>1051</td><td>130</td><td>2051</td><td>65</td><td>Surcharge - late filing fee or oath</td><td></td></tr><tr><td>1052</td><td>50</td><td>2052</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet.</td><td></td></tr><tr><td>1053</td><td>130</td><td>1053</td><td>130</td><td>Non-English specification</td><td></td></tr><tr><td>1812</td><td>2,520</td><td>1812</td><td>2,520</td><td>For filing a request for <i>ex parte</i> reexamination</td><td></td></tr><tr><td>1804</td><td>920*</td><td>1804</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr><tr><td>1805</td><td>1,840*</td><td>1805</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr><tr><td>1251</td><td>110</td><td>2251</td><td>55</td><td>Extension for reply within first month</td><td></td></tr><tr><td>1252</td><td>420</td><td>2252</td><td>210</td><td>Extension for reply within second month</td><td></td></tr><tr><td>1253</td><td>950</td><td>2253</td><td>475</td><td>Extension for reply within third month</td><td></td></tr><tr><td>1254</td><td>1,480</td><td>2254</td><td>740</td><td>Extension for reply within fourth month</td><td></td></tr><tr><td>1255</td><td>2,010</td><td>2255</td><td>1,005</td><td>Extension for reply within fifth month</td><td></td></tr><tr><td>1401</td><td>330</td><td>2401</td><td>165</td><td>Notice of Appeal</td><td></td></tr><tr><td>1402</td><td>330</td><td>2402</td><td>165</td><td>Filing a brief in support of an appeal</td><td></td></tr><tr><td>1403</td><td>290</td><td>2403</td><td>145</td><td>Request for oral hearing</td><td></td></tr><tr><td>1451</td><td>1,510</td><td>1451</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td></td></tr><tr><td>1452</td><td>110</td><td>2452</td><td>55</td><td>Petition to revive - unavoidable</td><td></td></tr><tr><td>1453</td><td>1,330</td><td>2453</td><td>665</td><td>Petition to revive - unintentional</td><td></td></tr><tr><td>1501</td><td>1,330</td><td>2501</td><td>665</td><td>Utility issue fee (or reissue)</td><td></td></tr><tr><td>1502</td><td>480</td><td>2502</td><td>240</td><td>Design issue fee</td><td></td></tr><tr><td>1503</td><td>640</td><td>2503</td><td>320</td><td>Plant issue fee</td><td></td></tr><tr><td>1460</td><td>130</td><td>1460</td><td>130</td><td>Petitions to the Commissioner</td><td></td></tr><tr><td>1807</td><td>50</td><td>1807</td><td>50</td><td>Processing fee under 37 CFR 1.17(q)</td><td></td></tr><tr><td>1806</td><td>180</td><td>1806</td><td>180</td><td>Submission of Information Disclosure Stmt</td><td></td></tr><tr><td>8021</td><td>40</td><td>8021</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td></td></tr><tr><td>1809</td><td>770</td><td>2809</td><td>385</td><td>Filing a submission after final rejection (37 CFR 1.129(a))</td><td></td></tr><tr><td>1810</td><td>770</td><td>2810</td><td>385</td><td>For each additional invention to be examined (37CFR 1.129(b))</td><td></td></tr><tr><td>1801</td><td>770</td><td>2801</td><td>385</td><td>Request for Continued Examination (RCE)</td><td></td></tr><tr><td>1802</td><td>900</td><td>1802</td><td>900</td><td>Request for expedited examination of a design application</td><td></td></tr><tr><td colspan="5">Other fee (specify) _____</td><td></td></tr><tr><td colspan="5" style="text-align: right;"><b>SUBTOTAL (3)</b></td><td>(\$)<span style="font-size: 1.2em;">0.00</span></td></tr></tbody></table></div></div></div> <tr><td colspan="4" style="border: 1px solid black; padding: 5px;"><div style="display: flex; justify-content: space-between;"><div><b>SUBMITTED BY</b></div><div>(Complete if applicable)</div></div><div style="display: flex; justify-content: space-between; margin-top: 5px;"><div style="width: 45%;">Name (Print/Type) Kenley K. Hoover</div><div style="width: 15%;">Registration No. (Attorney/Agent) 40,302</div><div style="width: 40%;">Telephone (301) 610-5771</div></div><div style="display: flex; justify-content: space-between; margin-top: 5px;"><div style="width: 45%;">Signature </div><div style="width: 15%;"></div><div style="width: 40%;">Date April 8, 2004</div></div></td></tr>				Large Entity		Small Entity		Fee Description	Fee Paid	Fee Code	Fee (\$)	Fee Code	Fee (\$)	1001	770	2001	385	Utility filing fee		1002	340	2002	170	Design filing fee		1003	530	2003	265	Plant filing fee		1004	770	2004	385	Reissue filing fee		1005	160	2005	80	Provisional filing fee		<b>SUBTOTAL (1)</b>					(\$) <span style="font-size: 1.2em;">0.00</span>	Large Entity		Small Entity		Fee Description	Fee Paid	Fee Code	Fee (\$)	Fee Code	Fee (\$)	1202	18	2202	9	Claims in excess of 20		1201	86	2201	43	Independent claims in excess of 3		1203	290	2203	145	Multiple dependent claim, if not paid		1204	86	2204	43	** Reissue independent claims over original patent		1205	18	2205	9	** Reissue claims in excess of 20 and over original patent		<b>SUBTOTAL (2)</b>					(\$) <span style="font-size: 1.2em;">0.00</span>	Large Entity		Small Entity		Fee Description	Fee Paid	Fee Code	Fee (\$)	Fee Code	Fee (\$)	1051	130	2051	65	Surcharge - late filing fee or oath		1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet.		1053	130	1053	130	Non-English specification		1812	2,520	1812	2,520	For filing a request for <i>ex parte</i> reexamination		1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action		1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action		1251	110	2251	55	Extension for reply within first month		1252	420	2252	210	Extension for reply within second month		1253	950	2253	475	Extension for reply within third month		1254	1,480	2254	740	Extension for reply within fourth month		1255	2,010	2255	1,005	Extension for reply within fifth month		1401	330	2401	165	Notice of Appeal		1402	330	2402	165	Filing a brief in support of an appeal		1403	290	2403	145	Request for oral hearing		1451	1,510	1451	1,510	Petition to institute a public use proceeding		1452	110	2452	55	Petition to revive - unavoidable		1453	1,330	2453	665	Petition to revive - unintentional		1501	1,330	2501	665	Utility issue fee (or reissue)		1502	480	2502	240	Design issue fee		1503	640	2503	320	Plant issue fee		1460	130	1460	130	Petitions to the Commissioner		1807	50	1807	50	Processing fee under 37 CFR 1.17(q)		1806	180	1806	180	Submission of Information Disclosure Stmt		8021	40	8021	40	Recording each patent assignment per property (times number of properties)		1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))		1810	770	2810	385	For each additional invention to be examined (37CFR 1.129(b))		1801	770	2801	385	Request for Continued Examination (RCE)		1802	900	1802	900	Request for expedited examination of a design application		Other fee (specify) _____						<b>SUBTOTAL (3)</b>					(\$) <span style="font-size: 1.2em;">0.00</span>	<div style="display: flex; justify-content: space-between;"><div><b>SUBMITTED BY</b></div><div>(Complete if applicable)</div></div> <div style="display: flex; justify-content: space-between; margin-top: 5px;"><div style="width: 45%;">Name (Print/Type) Kenley K. Hoover</div><div style="width: 15%;">Registration No. (Attorney/Agent) 40,302</div><div style="width: 40%;">Telephone (301) 610-5771</div></div> <div style="display: flex; justify-content: space-between; margin-top: 5px;"><div style="width: 45%;">Signature </div><div style="width: 15%;"></div><div style="width: 40%;">Date April 8, 2004</div></div>			
Large Entity		Small Entity		Fee Description	Fee Paid																																																																																																																																																																																																																																																																																												
Fee Code	Fee (\$)	Fee Code	Fee (\$)																																																																																																																																																																																																																																																																																														
1001	770	2001	385	Utility filing fee																																																																																																																																																																																																																																																																																													
1002	340	2002	170	Design filing fee																																																																																																																																																																																																																																																																																													
1003	530	2003	265	Plant filing fee																																																																																																																																																																																																																																																																																													
1004	770	2004	385	Reissue filing fee																																																																																																																																																																																																																																																																																													
1005	160	2005	80	Provisional filing fee																																																																																																																																																																																																																																																																																													
<b>SUBTOTAL (1)</b>					(\$) <span style="font-size: 1.2em;">0.00</span>																																																																																																																																																																																																																																																																																												
Large Entity		Small Entity		Fee Description	Fee Paid																																																																																																																																																																																																																																																																																												
Fee Code	Fee (\$)	Fee Code	Fee (\$)																																																																																																																																																																																																																																																																																														
1202	18	2202	9	Claims in excess of 20																																																																																																																																																																																																																																																																																													
1201	86	2201	43	Independent claims in excess of 3																																																																																																																																																																																																																																																																																													
1203	290	2203	145	Multiple dependent claim, if not paid																																																																																																																																																																																																																																																																																													
1204	86	2204	43	** Reissue independent claims over original patent																																																																																																																																																																																																																																																																																													
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent																																																																																																																																																																																																																																																																																													
<b>SUBTOTAL (2)</b>					(\$) <span style="font-size: 1.2em;">0.00</span>																																																																																																																																																																																																																																																																																												
Large Entity		Small Entity		Fee Description	Fee Paid																																																																																																																																																																																																																																																																																												
Fee Code	Fee (\$)	Fee Code	Fee (\$)																																																																																																																																																																																																																																																																																														
1051	130	2051	65	Surcharge - late filing fee or oath																																																																																																																																																																																																																																																																																													
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet.																																																																																																																																																																																																																																																																																													
1053	130	1053	130	Non-English specification																																																																																																																																																																																																																																																																																													
1812	2,520	1812	2,520	For filing a request for <i>ex parte</i> reexamination																																																																																																																																																																																																																																																																																													
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action																																																																																																																																																																																																																																																																																													
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action																																																																																																																																																																																																																																																																																													
1251	110	2251	55	Extension for reply within first month																																																																																																																																																																																																																																																																																													
1252	420	2252	210	Extension for reply within second month																																																																																																																																																																																																																																																																																													
1253	950	2253	475	Extension for reply within third month																																																																																																																																																																																																																																																																																													
1254	1,480	2254	740	Extension for reply within fourth month																																																																																																																																																																																																																																																																																													
1255	2,010	2255	1,005	Extension for reply within fifth month																																																																																																																																																																																																																																																																																													
1401	330	2401	165	Notice of Appeal																																																																																																																																																																																																																																																																																													
1402	330	2402	165	Filing a brief in support of an appeal																																																																																																																																																																																																																																																																																													
1403	290	2403	145	Request for oral hearing																																																																																																																																																																																																																																																																																													
1451	1,510	1451	1,510	Petition to institute a public use proceeding																																																																																																																																																																																																																																																																																													
1452	110	2452	55	Petition to revive - unavoidable																																																																																																																																																																																																																																																																																													
1453	1,330	2453	665	Petition to revive - unintentional																																																																																																																																																																																																																																																																																													
1501	1,330	2501	665	Utility issue fee (or reissue)																																																																																																																																																																																																																																																																																													
1502	480	2502	240	Design issue fee																																																																																																																																																																																																																																																																																													
1503	640	2503	320	Plant issue fee																																																																																																																																																																																																																																																																																													
1460	130	1460	130	Petitions to the Commissioner																																																																																																																																																																																																																																																																																													
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)																																																																																																																																																																																																																																																																																													
1806	180	1806	180	Submission of Information Disclosure Stmt																																																																																																																																																																																																																																																																																													
8021	40	8021	40	Recording each patent assignment per property (times number of properties)																																																																																																																																																																																																																																																																																													
1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))																																																																																																																																																																																																																																																																																													
1810	770	2810	385	For each additional invention to be examined (37CFR 1.129(b))																																																																																																																																																																																																																																																																																													
1801	770	2801	385	Request for Continued Examination (RCE)																																																																																																																																																																																																																																																																																													
1802	900	1802	900	Request for expedited examination of a design application																																																																																																																																																																																																																																																																																													
Other fee (specify) _____																																																																																																																																																																																																																																																																																																	
<b>SUBTOTAL (3)</b>					(\$) <span style="font-size: 1.2em;">0.00</span>																																																																																																																																																																																																																																																																																												
<div style="display: flex; justify-content: space-between;"><div><b>SUBMITTED BY</b></div><div>(Complete if applicable)</div></div> <div style="display: flex; justify-content: space-between; margin-top: 5px;"><div style="width: 45%;">Name (Print/Type) Kenley K. Hoover</div><div style="width: 15%;">Registration No. (Attorney/Agent) 40,302</div><div style="width: 40%;">Telephone (301) 610-5771</div></div> <div style="display: flex; justify-content: space-between; margin-top: 5px;"><div style="width: 45%;">Signature </div><div style="width: 15%;"></div><div style="width: 40%;">Date April 8, 2004</div></div>																																																																																																																																																																																																																																																																																																	